

**Notice of Allowability**

Application No.

10/082,533

Examiner

Doug Hutton

Applicant(s)

YANKOVICH ET AL.

Art Unit

2176

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's response submitted 27 September 2005.
2. ☒ The allowed claim(s) is/are 1-4,6,7 and 9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All   b) ☐ Some\*   c) ☐ None   of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

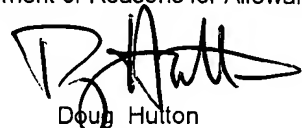
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
Doug Hutton  
Examiner  
Art Unit: 2176

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Peter G.H. Hwang on 30 September 2005.

The application has been amended as follows:

- replace Claim 9 with the following:

9. (currently amended) A learned routing electronic selection form tangibly embodied on a computer-readable medium for display on an electronic system comprising:

- a plurality of visual elements including text or graphical elements displaying one or more recipients to whom one or more work flow transaction types have been previously routed by a submitting user~~[[,]]; and~~
- a display ~~by text, graphics, or position~~ of the most likely recipients of any new work flow transaction processed by the submitting user as determined by a heuristic analysis of types of work flow, roles of the submitting user, titles of potential recipients of any work flow transaction, and dates of any work flow transactions recently routed by the submitting user, ~~and~~

wherein the submitting user may ~~a suggestion to~~ select from the display ~~[[of]]~~ one or more routing recipients ~~previously chosen by the submitting user for any workflow~~ a new work flow transaction or ~~[[to]]~~ enter a new routing recipient, wherein a record of the recipient of the new work flow transaction is added to the knowledge base of the submitting user's history of any work flow transaction for heuristic analysis and possible display to the submitting user in a future learned routing electronic selection form.

### ***Applicant's Response***

In Applicant's Response dated 27 September 2005, Applicant amended Claims 1-4, 6 and 7, cancelled Claims 5 and 8, added new Claim 9, and argued against all objections and rejections previously set forth in the Office Action dated 28 June 2005.

In light of Applicant's amendments, all objections and rejections previously set forth are withdrawn.

### ***Allowable Subject Matter***

Claims 1-4, 6, 7 and 9 are allowed.

The following is an examiner's statement of reasons for allowance:

*Claims 1-4, 6 and 7:*

The examiner's statements of reasons for allowance for the claims were previously set forth in the Office action dated 28 June 2005 and still apply.

*Claim 9:*

The closest prior art is Tondevold (US 5,410,646).

Tondevold discloses an electronic form processing system on a server-client network. The system comprises routing definitions for each form handled by the system and an organizational hierarchy (sets of rules) that are used to automatically forward a completed form to the appropriate recipient in the system. The rules for automatically forwarding the forms are *based on the form type and the identities of user positions within the company*. A user who fills out the form, or otherwise handles the form, need not specify a recipient. Additionally, the user may modify the routing definitions and specify additional recipients. However, Tondevold fails to disclose or suggest a form routing system that forwards the forms *using a **heuristic analysis***.

The prior art fails to disclose or suggest a learned routing electronic selection form, comprising:

- visual elements that display:
  - recipients to whom a user has previously routed a work flow transaction;  
and
  - a list of the most likely recipients of any new work flow transaction processed by the user, *said list determined by a **heuristic analysis of types of work flow transactions, roles of the user, titles of potential recipients of a work flow transaction, and dates of any work flow transactions recently routed by the user,***

Art Unit: 2176

wherein the user may select from the display of visual elements one or more routing recipients for a work flow transaction or enter a new routing recipient, and wherein a record of the recipient of the new work flow transaction is added to the knowledge base of the user's history of work flow transaction for heuristic analysis and possible display to the user in a future learned routing electronic selection form.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Doug Hutton whose telephone number is (571) 272-4137. The examiner can normally be reached on Monday-Friday from 8:00 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon, can be reached at (571) 272-4136. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571) 272-2100.

WDH  
September 30, 2005



DOUG HUTTON  
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